Index of Claims



Application No.

09/937,810

Examiner

ALBRECHT ET AL.

Applicant(s)

Art Unit

Ling-Siù Choi

1713

O

√ Rejected
= Allowed

\_ (Through numeral)
Cancelled

Restricted

Non-Elected

Interference

Appeal

Objected

| Cla   | Claim Date |          |                  |  |                         |          |          | ]  | Cla | aim         |          | Date            |          |          |                 |          |                |          |          | CI       | aim            | Date        |           |   |             |          |          |          |               |          |          |   |
|-------|------------|----------|------------------|--|-------------------------|----------|----------|----|-----|-------------|----------|-----------------|----------|----------|-----------------|----------|----------------|----------|----------|----------|----------------|-------------|-----------|---|-------------|----------|----------|----------|---------------|----------|----------|---|
| Final | Original   | 3/29/04  |                  |  |                         |          |          |    |     | Final       | Original |                 |          |          |                 |          |                |          |          |          |                | Final       | Original  |   |             |          |          |          |               |          |          |   |
| ш.    |            | 3/2      |                  |  |                         |          | _        |    |     | u.          | <u></u>  |                 |          |          |                 |          |                |          | _        | _        |                |             | ပ်<br>101 | - |             | _        |          | _        | _             | _        |          |   |
|       | 1          |          |                  | $\vdash$   | ┝╌┼                     |          |          |    |     |             | 51<br>52 |                 |          |          |                 |          | +              |          | -        |          |                |             | 102       |   | -           | $\dashv$ |          |          |               | $\dashv$ | $\dashv$ |   |
|       | 2          |          |                  | <u> </u>   | <del> </del>            | $\dashv$ |          |    |     |             | 53       | Н               | _        | -        | -               |          | $\dashv$       | -        | -        |          |                |             | 103       |   | $\dashv$    | $\dashv$ |          |          | $\dashv$      | $\dashv$ | $\dashv$ |   |
|       | 3          |          |                  | ├  | $\vdash$                | $\dashv$ |          |    |     |             | 54       | Н               |          |          |                 |          | $\dashv$       | -+       | -        |          |                |             | 104       |   | $\dashv$    | $\dashv$ | $\dashv$ | -        | -             | $\dashv$ | _        |   |
|       | 4          | _        |                  |  |                         | $\dashv$ |          |    |     |             | 55       | $\vdash$        |          |          | -               |          | $\dashv$       | $\dashv$ | $\dashv$ |          |                |             | 105       |   |             | $\dashv$ | -        | $\dashv$ |               |          | -        |   |
|       | 5          |          | <del></del>      | <del> </del>                                     | $\vdash$                | $\dashv$ |          | +  | 19  |             | 56       | $\vdash$        |          |          |                 |          | $\dashv$       | $\dashv$ | $\dashv$ |          |                |             | 106       |   | -           | $\pm$    | +        | +        |               | -        |          |   |
|       | 6<br>7     |          |                  |  | $\vdash$                | $\dashv$ |          | +  |     |             | 57       |                 | _        |          |                 |          | $\dashv$       | $\dashv$ | -        |          |                |             | 107       |   |             | $^{+}$   | _        | $\dashv$ |               | $\dashv$ | -        |   |
|       | 8          |          |                  | $\vdash$   |                         |          | -        | +  |     |             | 58       |                 |          |          |                 | $\dashv$ |                | $\dashv$ | $\dashv$ | $\dashv$ |                |             | 108       |   | <del></del> | -        |          |          | -             | $\dashv$ | $\dashv$ |   |
|       | 9          |          |                  |  | $\vdash$                | -        |          |    |     |             | 59       | $\vdash$        |          | _        | $\dashv$        |          |                | $\dashv$ | +        | $\dashv$ |                |             | 109       |   | $\vdash$    | $\dashv$ |          |          |               |          |          |   |
|       | 10         |          |                  |  | $\vdash$                | -        |          | +  | -   |             | 60       |                 |          |          |                 |          | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ |                | -, <u>-</u> | 110       |   | $\vdash$    | +        | -+       | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ |   |
|       | 11         |          | $\dashv$         |  |                         |          | -        | +  |     |             | 61       |                 |          |          |                 | $\dashv$ | $\dashv$       | +        | $\dashv$ |          |                |             | 111       |   |             |          |          | $\dashv$ |               | $\dashv$ |          |   |
|       | 12         | $\vdash$ | <del>-   -</del> | $\vdash$   | $\vdash$                | $\dashv$ | +-       | +  |     |             | 62       | $\vdash$        |          | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$       | -        |          | $\dashv$ |                |             | 112       |   | $\vdash$    | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +        |          |   |
|       | 13         |          | $\vdash$         | <del>                                     </del> | $\vdash$                |          | $\dashv$ | +  |     |             | 63       | $\vdash$        |          |          |                 |          | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ |                |             | 113       |   | $\vdash$    | +        | $\dashv$ | -+       | $\dashv$      | $\dashv$ |          |   |
|       | 14         | _        | $\vdash$         | $\vdash$   |                         | $\dashv$ | -        | +  |     |             | 64       | $\vdash$        |          |          | $\vdash$        |          | -              | $\dashv$ | $\dashv$ | $\dashv$ |                |             | 114       |   | +           | 十        | $\dashv$ |          |               | $\dashv$ |          |   |
|       | 15         |          | $\vdash$         | <del> </del>                                     |                         |          | $\dashv$ | +  |     |             | 65       | $\vdash \vdash$ | -        | $\vdash$ |                 |          | -              | +        | $\dashv$ | $\dashv$ |                |             | 115       |   | $\vdash$    | +        | $\dashv$ | -+       |               | $\dashv$ | $\neg$   |   |
|       | 16         |          | $\vdash$         | $\vdash$   | $\vdash$                | $\dashv$ | -+-      | +  |     |             | 66       |                 |          |          |                 |          | $\dashv$       | -        | -        | $\dashv$ |                |             | 116       |   |             | $\dashv$ | $\dashv$ | $\dashv$ | +             | $\dashv$ | -        |   |
|       | 17         |          |                  | $\vdash$   | $\vdash$                | $\dashv$ |          |    |     |             | 67       | $\vdash$        |          |          | $\vdash \vdash$ | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ |          |                |             | 117       |   | $\vdash$    | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$ | -        |   |
|       | 18         |          |                  |  |                         | $\dashv$ | +        | +  |     |             | 68       |                 |          |          |                 |          |                | $\dashv$ | $\dashv$ | _        |                |             | 118       |   |             | $\dashv$ | -        | -        | $\dashv$      | +        |          |   |
| 3     | 19         | _        |                  | -  | $\vdash$                | -        |          | -  | 1   |             | 69       |                 |          |          |                 |          |                | $\dashv$ | +        | $\dashv$ |                |             | 119       |   | $\vdash$    | $\dashv$ |          | $\dashv$ | $\dashv$      | $\dashv$ |          |   |
| 2     | 20         | Ŧ        |                  |  | $\vdash$                | +        | $\dashv$ | -  |     |             | 70       |                 |          |          |                 |          | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ |                |             | 120       |   |             | $\dashv$ | 1        | $\dashv$ | $\rightarrow$ | $\dashv$ | $\dashv$ |   |
| 3     | 21         | +        |                  | <del> </del>                                     | ├                       | $\dashv$ |          | +  | 2.0 |             | 71       |                 |          |          |                 |          |                | $\dashv$ | $\dashv$ |          |                |             | 121       |   |             | -+       | _        | $\dashv$ | $\rightarrow$ | $\dashv$ | $\dashv$ |   |
| 4     | 22         | ╫        | _                |  | $\vdash$                | $\dashv$ |          | +  |     |             | 72       |                 |          |          |                 |          |                | $\dashv$ | +        |          |                |             | 122       |   |             | $\dashv$ | _        | $\dashv$ | +             | $\dashv$ | -        |   |
|       | 23         | +        |                  | $\vdash$   | $\vdash$                | -        | $\dashv$ |    |     |             | 73       |                 |          |          |                 |          | $\dashv$       | $\dashv$ | $\dashv$ | ⊣        |                |             | 123       |   |             | $\dashv$ | _        | $\dashv$ | $\dashv$      |          |          |   |
| 5     | 24         | -        |                  | $\vdash$   |                         | -        |          |    | •   |             | 74       |                 |          |          |                 |          | -              | $\dashv$ | -        |          |                |             | 124       |   | $\vdash$    | $\dashv$ |          | $\dashv$ | -             |          | $\dashv$ |   |
| 6     | 25         | -        |                  | <del> </del>                                     |                         |          |          | +  |     | <del></del> | 75       |                 |          | $\vdash$ |                 |          | -              | -        | $\dashv$ | -        |                |             | 125       |   | +           | $\dashv$ |          | $\dashv$ | _             |          |          |   |
| 8     | 26         | ╫        | $\vdash$         | $\vdash$   | $\vdash$                | +        |          |    |     |             | 76       |                 |          |          |                 |          | +              | $\dashv$ | $\dashv$ | $\dashv$ |                | <del></del> | 126       |   | $\vdash$    | $\dashv$ |          | $\dashv$ |               | $\dashv$ | $\dashv$ |   |
| 9     | 27         | ╫        |                  | -  | $\vdash$                |          | <u> </u> | -  |     |             | 77       |                 | -        | _        |                 |          | -              | $\dashv$ | +        |          |                |             | 127       |   | $\dashv$    | ┰        |          |          |               | -        | $\dashv$ |   |
| 10    | 28         | ╫        |                  |  | +                       |          |          |    |     |             | 78       |                 |          |          |                 |          | $\dashv$       | $\dashv$ | -        |          |                |             | 128       |   |             | $\dashv$ | _        |          |               | $\dashv$ |          |   |
|       | 29         | ╁        |                  |  | <del>├</del>            | $\dashv$ |          |    |     |             | 79       |                 |          |          |                 |          | $\dashv$       | $\dashv$ | +        | ᅥ        |                |             | 129       |   |             | $\dashv$ | $\dashv$ |          | $\dashv$      |          |          |   |
| 11    |            | +        |                  |  | $\vdash$                | -        |          |    |     |             | 80       |                 |          |          |                 |          | $\dashv$       | $\dashv$ | -        | $\dashv$ |                |             | 130       |   |             | $\dashv$ |          | $\dashv$ | $\rightarrow$ | $\dashv$ | $\dashv$ |   |
| 12    | 31         | ╂        | $\vdash\vdash$   |  |                         | $\dashv$ |          |    |     |             | 81       |                 |          |          |                 |          | +              | $\dashv$ |          |          |                | ·           | 131       | _ | +           | $\dashv$ | -        | -+       |               | -        | $\dashv$ |   |
|       | 32         | +        |                  |  |                         | -        |          |    |     |             | 82       |                 | -        |          |                 |          | ┰┼             | $\dashv$ |          | $\dashv$ |                |             | 132       |   | -           | $\dashv$ |          |          |               |          |          |   |
| 14    | 33         | +        |                  | <del> </del>                                     |                         | _        | _        | +  |     |             | 83       |                 |          |          |                 | -        | -              | $\dashv$ |          |          |                |             | 133       |   |             | $\dashv$ |          | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ |   |
| 15    | 34         | +        |                  |  |                         | $\dashv$ |          |    |     |             | 84       | $\vdash$        |          | ,        |                 | $\dashv$ | <del>-  </del> | -        |          | $\dashv$ |                |             | 134       |   | $\vdash$    | $\dashv$ | $\dashv$ | -        | -             | -+       |          |   |
| 16    | 35         |          |                  |  |                         |          |          |    |     |             | 85       |                 | _        |          |                 |          |                | $\dashv$ | -+       | $\dashv$ |                |             | 135       |   | -+          | $\dashv$ | +        |          |               | -+       | -        |   |
| 17    | 36         | +        |                  | H  | ┝┼                      | -        |          |    | 1   |             | 86       | H               | -        | —        | -               | -        |                |          | $\dashv$ | $\dashv$ |                |             | 136       |   | $\vdash$    | $\dashv$ |          | -        |               |          |          |   |
| 18    | 37         | +        |                  | -  | $\vdash$                |          | $\dashv$ | +  |     |             | 87       | $\vdash$        |          |          |                 |          | _              | $\dashv$ | -+       |          |                |             | 137       | _ |             | $\dashv$ | 1        | -        | _             | $\dashv$ | -        |   |
| A     | 38         | =        |                  | $\vdash$   | $\vdash$                | +        |          |    |     |             | 88       | Н               |          | -        |                 | $\dashv$ | $\dashv$       | $\dashv$ |          |          |                |             | 138       |   | +           | +        | +        | $\dashv$ | $\dashv$      | $\dashv$ |          |   |
| 20    | 39         | 75       | -                | $\vdash$   | $\vdash \vdash$         | $\dashv$ | +        | +  |     |             | 89       | $\vdash$        |          |          |                 | $\dashv$ |                | -+       | -+       | $\dashv$ |                |             | 139       |   | $\vdash$    | $\dashv$ | $\dashv$ | $\dashv$ |               |          |          |   |
|       | 40         |          |                  |  |                         | +        | +        | +  |     |             | 90       | $\vdash \vdash$ | $\vdash$ |          |                 |          |                | $\dashv$ | $\dashv$ | $\dashv$ |                |             | 140       |   | -           | +        | -+       | +        |               | $\dashv$ | $\dashv$ |   |
|       | 41         |          | <del>  </del>    |  | $\vdash \dashv$         | $\dashv$ | +        | +  |     |             | 91       | $\vdash \vdash$ | -        | -        |                 |          |                |          | $\dashv$ | $\dashv$ |                | -           | 141       |   | -+          | $\dashv$ | $\dashv$ | $\dashv$ |               | $\dashv$ |          |   |
|       | 42         |          |                  | $\vdash$   | $\mid \rightarrow \mid$ | $\dashv$ | +        | +  |     |             | 92       | $\vdash \vdash$ | $\dashv$ | $\vdash$ |                 |          | $\dashv$       | $\dashv$ | $\dashv$ |          |                |             | 142       |   | +           | $\dashv$ | $\dashv$ | $\dashv$ |               | $\dashv$ |          |   |
|       | 43         |          | <del>    -</del> | $\vdash$   |                         | -        | $\dashv$ | +  |     |             | 93       | $\vdash \vdash$ | $\vdash$ |          |                 |          |                |          | $\dashv$ | $\dashv$ |                |             | 143       |   | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ |               | $\dashv$ | $\dashv$ | — |
|       | 44         | —        |                  | $\vdash$   |                         | $\dashv$ | -        | +  |     |             | 94       | $\vdash$        | -        |          |                 |          | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ |                |             | 144       |   | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ |               | $\dashv$ |          |   |
|       | 45         |          |                  |  |                         | $\dashv$ | _        | +  |     |             | 95       | -               |          |          |                 |          |                | $\dashv$ | $\dashv$ | $\dashv$ |                |             | 145       |   | $\dashv$    | $\dashv$ | -+       |          |               | -+       | $\dashv$ |   |
|       | 46         |          |                  | $\vdash$   | $\vdash$                | -        | +        | +  |     |             | 96       | $\vdash \vdash$ | $\vdash$ |          |                 | $\dashv$ |                | $\dashv$ | $\dashv$ | ᅱ        |                |             | 146       |   | $\dashv$    | $\dashv$ | $\dashv$ | -        |               | $\dashv$ |          |   |
|       | 47         |          |                  | $\vdash$   | $\vdash$                | -        |          | +- |     |             | 97       | $\vdash \vdash$ |          | $\dashv$ |                 | $\dashv$ | $\dashv$       | -+       | $\dashv$ | $\dashv$ |                |             | 147       |   | $\dashv$    | +        |          |          |               |          | $\dashv$ |   |
|       | 48         |          |                  | $\vdash$   | $\vdash$                | -+       |          | +  |     |             | 98       | $\vdash$        | $\dashv$ |          |                 |          | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ |                |             | 148       |   | +           | $\dashv$ | $\dashv$ | $\dashv$ | -             | $\dashv$ |          |   |
|       | 49         |          |                  |  | +                       | $\dashv$ | +        | +  |     |             | 99       |                 |          | $\vdash$ |                 | $\dashv$ | $\dashv$       | $\dashv$ | -        | $\dashv$ | ::::: <b> </b> |             | 149       |   | $\dashv$    | +        | $\dashv$ |          |               | $\dashv$ |          |   |
|       | 50         |          | <del></del>      | -  |                         | $\dashv$ |          | +  |     |             | 100      |                 | -        |          | -               | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | <b>.</b>       |             | 150       |   |             | -+       | -+       | $\dashv$ | $\dashv$      | $\dashv$ | ᅱ        |   |